S-LX70

SERVICE MANUAL



AEP Model UK Model

SPECIFICATIONS

Turntable

Platter

30 cm (12 in.), aluminum-alloy diecast

Motor

DC servo motor Belt drive

Drive system Control system

DC servo control system

Speed

331/3 rpm, 45 rpm

Starting characteristics

Comes to nominal speed within a half revolution

(331/3 rpm)

Wow and flutter

0.045% (WRMS)

±0.06% (DIN)

Signal-to-noise ratio

70 dB (DIN-B)

Automatic system

Lead-in, return, reject, repeat, record size

selection

Toneam

Type

Dynamic balance type

Low mass straight

Pivot-to-stylus length

Overall length

200 mm 235 mm

Tracking error

+3°30' ~ -1°

Cartridge

Туре Stereo MM type

Frequency response

20 - 20,000 Hz

Channel separation

Over 16 dB (1 kHz)

Output voltage 3 mV (1 kHz 10 cm/s) (DIN)

Tracking force

2g Replacement stylus

SONY ND-142G

Weight

7 g

Power and others

Power

AEP model: 220V ac, 50/60Hz

UK model: 240V ac, 50/60 Hz

Consumption power

6W

Maximum outer dimensions

355×90×330 mm (14×3¹/₂×13 inches)

(Width × Height × Length)

Weight

2.7 kg (5 lb 15 oz)

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK NON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

STEREO TURNTABLE SYSTEM SONY

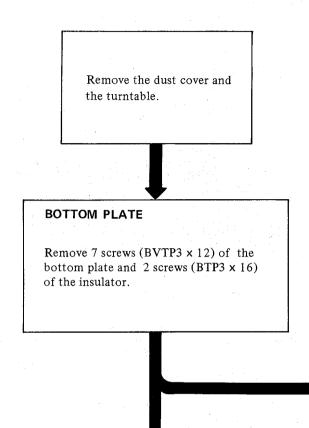


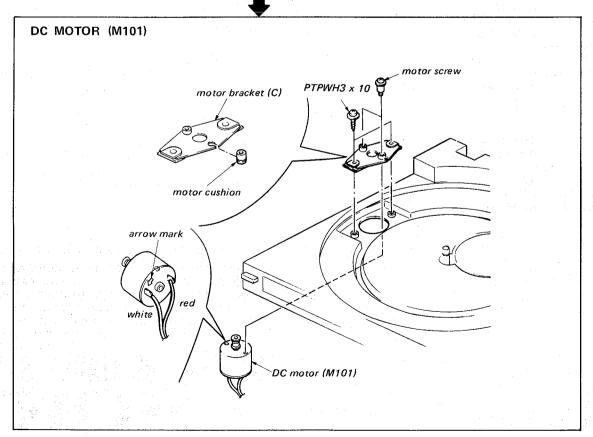


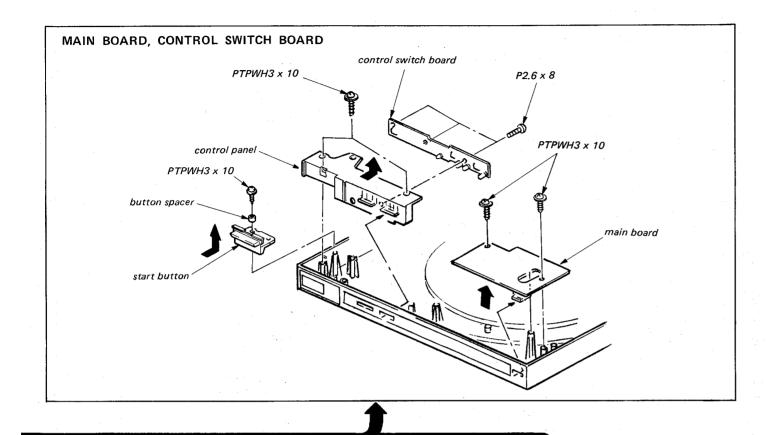
SECTION 1 DISASSEMBLY AND ASSEMBLY

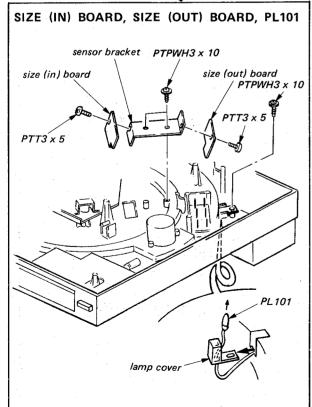
1-1. REMOVAL

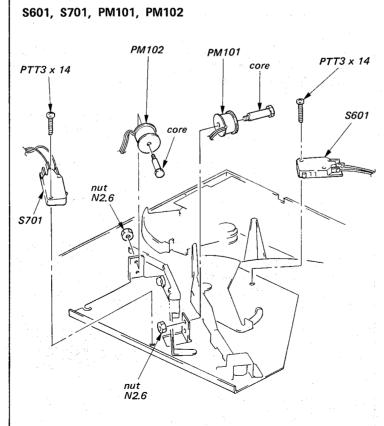
Note: Follow the disassembly procedure in the numerical order given.

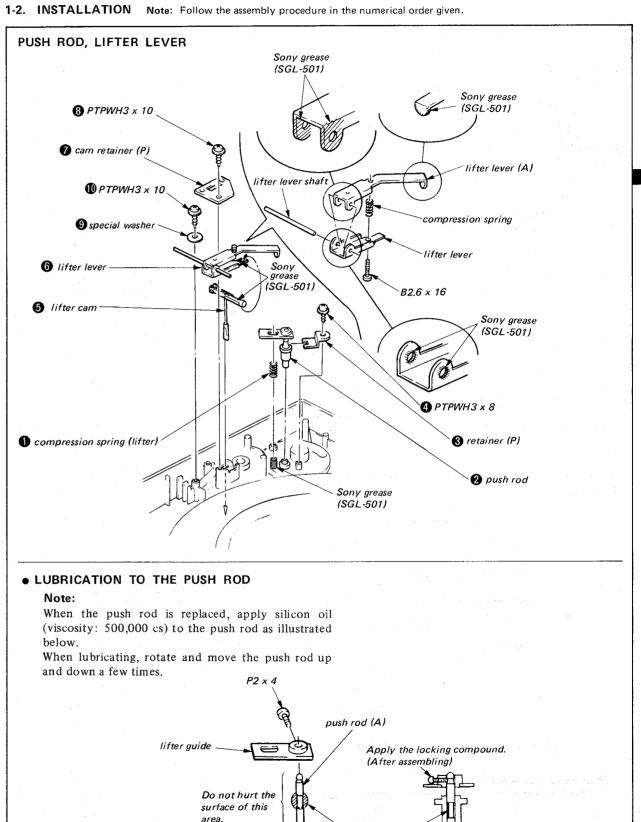








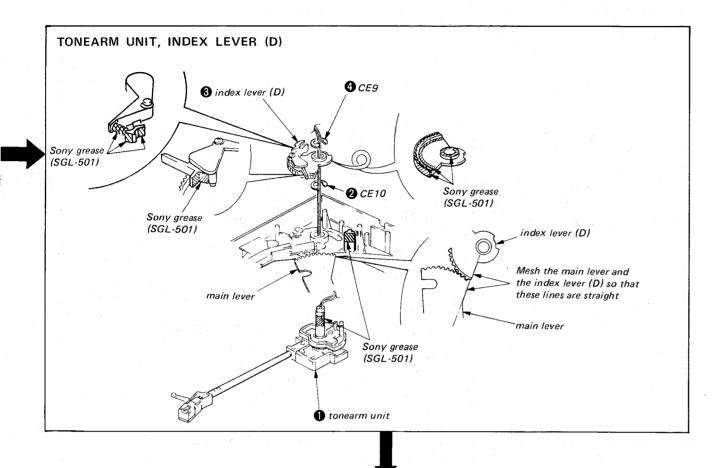


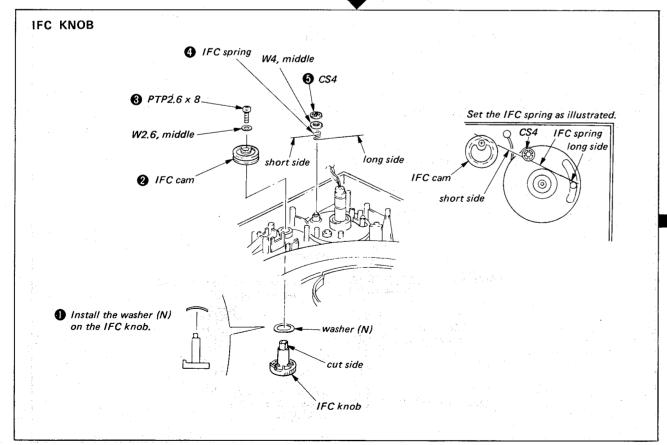


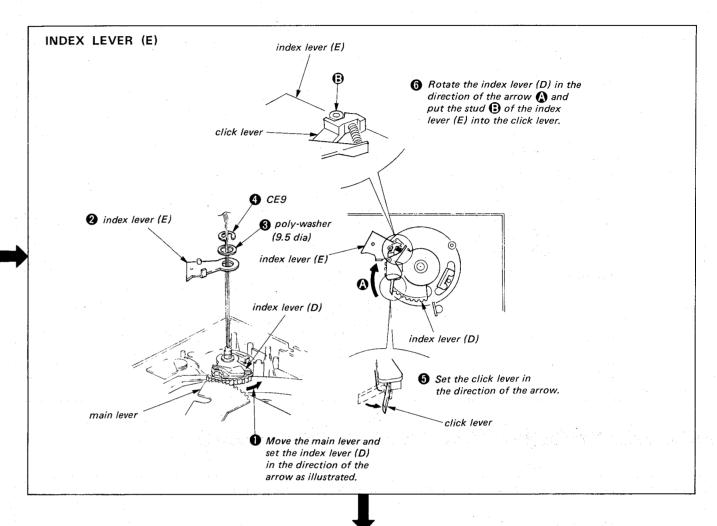
push rod case (A)

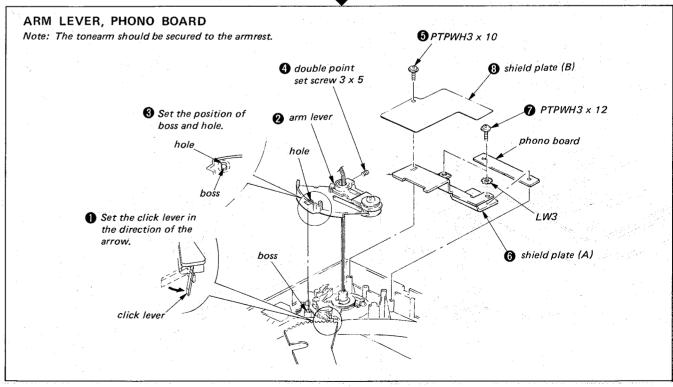
oil-retaining groove

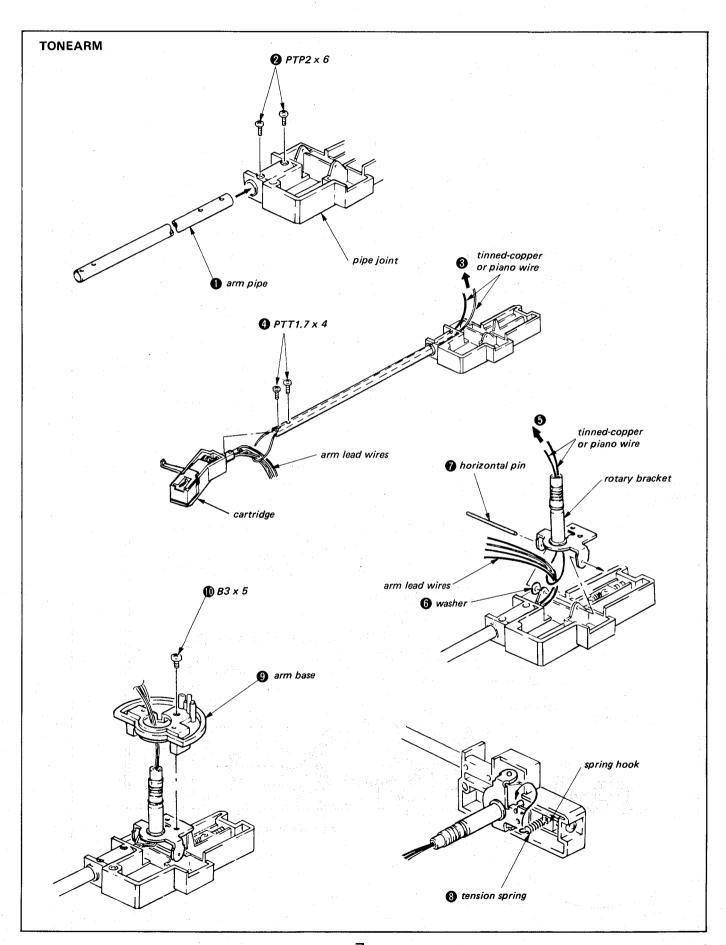
silicon oil viscosity 500,000 cs

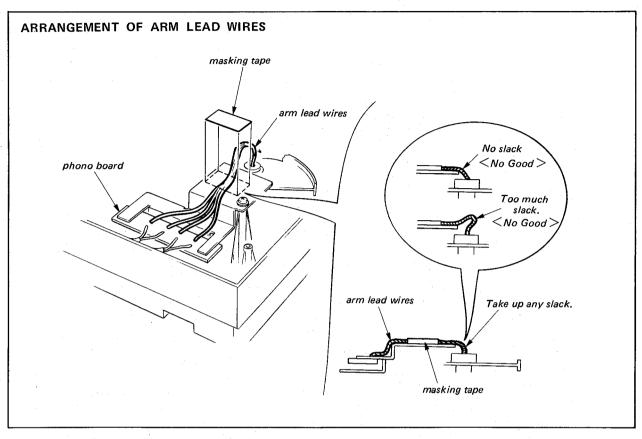


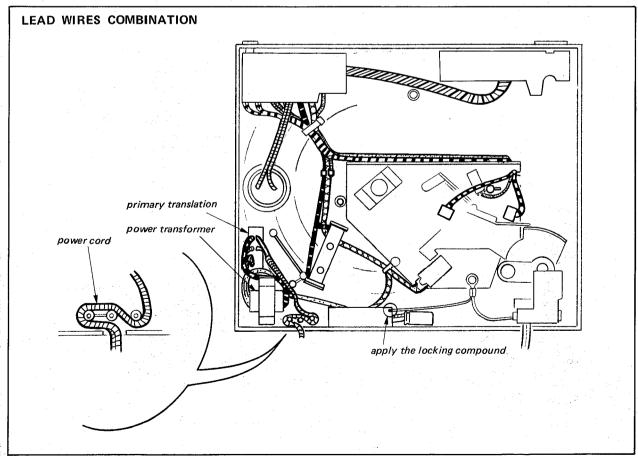






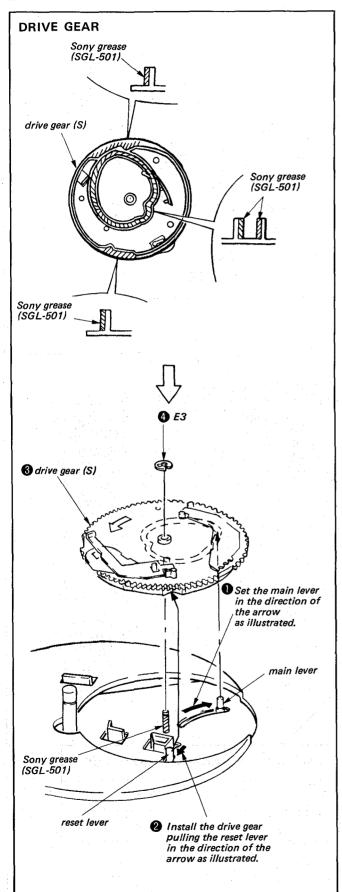




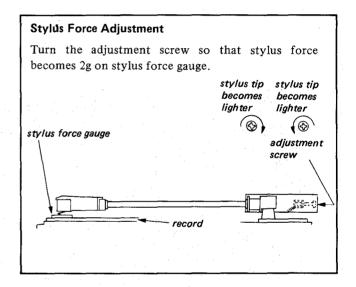


SECTION 2 ADJUSTMENTS

2-1. MECHANICAL ADJUSTMENTS

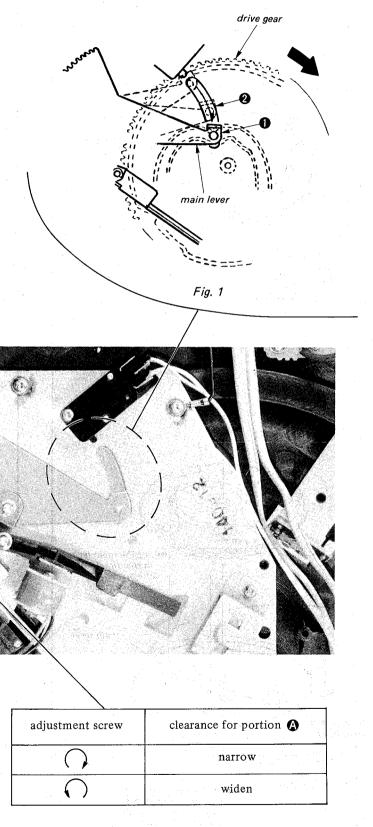


Cartridge Level Adjustment Loosen the two screws and adjust the inclination of the cartridge so that the line of the point and point becomes horizontal against turntable. After the adjustment, secure two screws.



Brake Lever Position Adjustment

- 1. Rotate the drive gear in the direction of the arrow as Fig. 1 and set the main lever in the position ① as illustrated.
- 2. Pressing the size lever in the direction of arrow as Fig. 2, adjust the adjustment screw so that the clearance for portion A is 0.2mm to 0.6mm.
- 3. Rotate the drive gear again, and set the main lever in the position 2 as illustrated.
- 4. Make sure to obtain some clearance for portion **3** in Fig. 2.
- 5. Rotate the drive gear again, and set in its original position.
- 6. Secure the adjustment screw with locking compound.



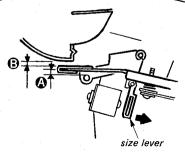
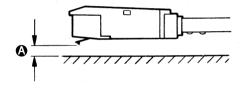


Fig. 2

Note: Perform both adjustments for manual and automatic operations.

1. Automatic

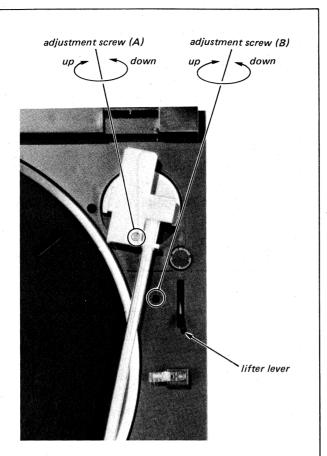
- 1-1. Put a test record on the mat.Depress the lifter lever to make a lifter-down mode (∑).
- 1-2. Move the arm on out-of-groove of a record by hand.
- 1-3. Adjust the adjustment screw (A) so that the stylus height A from face of a record becomes in 5.5 mm to 7 mm (7/32" to 9/32").
- 1-4. Move the arm on inner-groove of a record by hand and confirm that the stylus height from face of a record becomes in 5.5mm to 7mm (7/32" to 9/32").
- 1-5. Return the arm to the armrest.

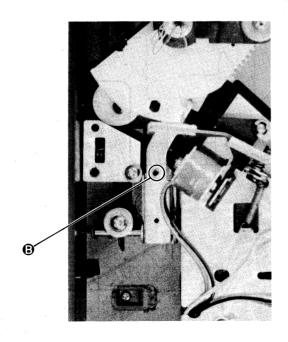


2. Manual

- 2-1. Put a test record on the mat.
- 2-2. Move the arm on inner most-groove of a record by hand.Rotate the turntable by hand and descend the arm.
- 2-3. Depress the lifter lever to make a lifter-up mode (∇).
- 2-4. Move the arm on out-of-groove of a record by hand.
- 2-5. Adjust the adjustment screw (B) so that the stylus height A from face of a reourd becomes in 4.5mm to 6mm (11/64" to 1/4").
- 2-6. Move the arm on inner-groove of a record by hand.
 - Confirm that the stylus height \mathbf{A} from face of a record becomes in 4.5mm to 6mm (11/74" to 1/4").
- 2-7. Moveover approach the arm to center of a record by hand.Rotate the turntable by hand and return the arm.
- 2-8. Secure the portion (3) with locking compound...

Note: The difference of stylus height between Automatic and Manual operations is within 2mm (3/32"), but stylus height of Manual operation is not heighter than that of Automatic operation.



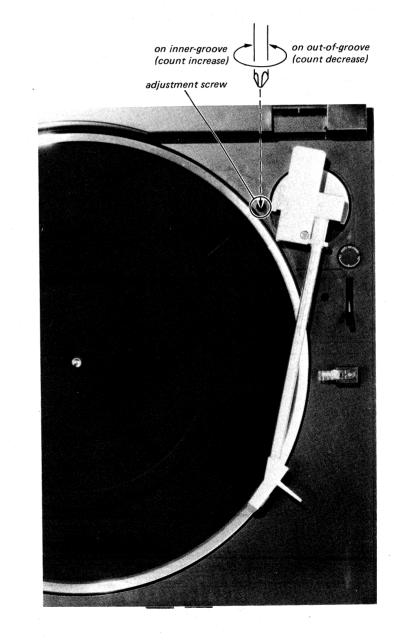


Stylus Drop-point Adjustment

Note: Stylus force adjustment should be completed.

- 1. Put a test record YFSC-16 on the mat.
- 2. Set the SPEED switch to 33.
- 3. Press the START/STOP button.
- 4. By using a screwdriver, turn the adjustment screw so that the stylus tip drops on the record at the 9-13 counts position.

Note: The proper adjustment for a 30cm record is also correct for a 17cm record.



2-2. ELECT

Speed Adj

Note: Be su

2. Set the Press th Adjust

1. Place a

3. Set the Adjust

strobos



a record

descend lifter-up

record

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(11/74'' er of a

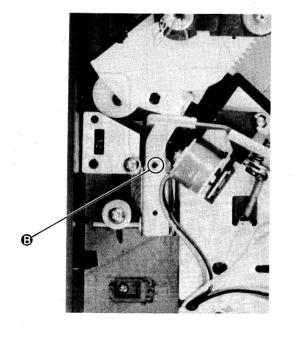
urn the

pound..

ıtomatic

ter than

adjustment screw (A) adjustment screw (B) lifter lever



Stylus Drop-point Adjustment

Note: Stylus force adjustment should be completed.

- 1. Put a test record YFSC-16 on the mat.
- 2. Set the SPEED switch to 33.
- 3. Press the START/STOP button.
- 4. By using a screwdriver, turn the adjustment screw so that the stylus tip drops on the record at the 9-13 counts position.

Note: The proper adjustment for a 30cm record is also correct for a 17cm record.

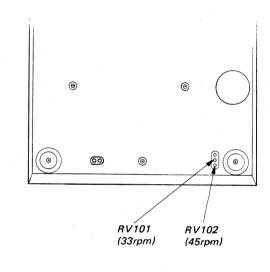


2-2. ELECTRICAL ADJUSTMENT

Speed Adjustment

Note: Be sure to perform 45rpm adjustment before 33rpm.

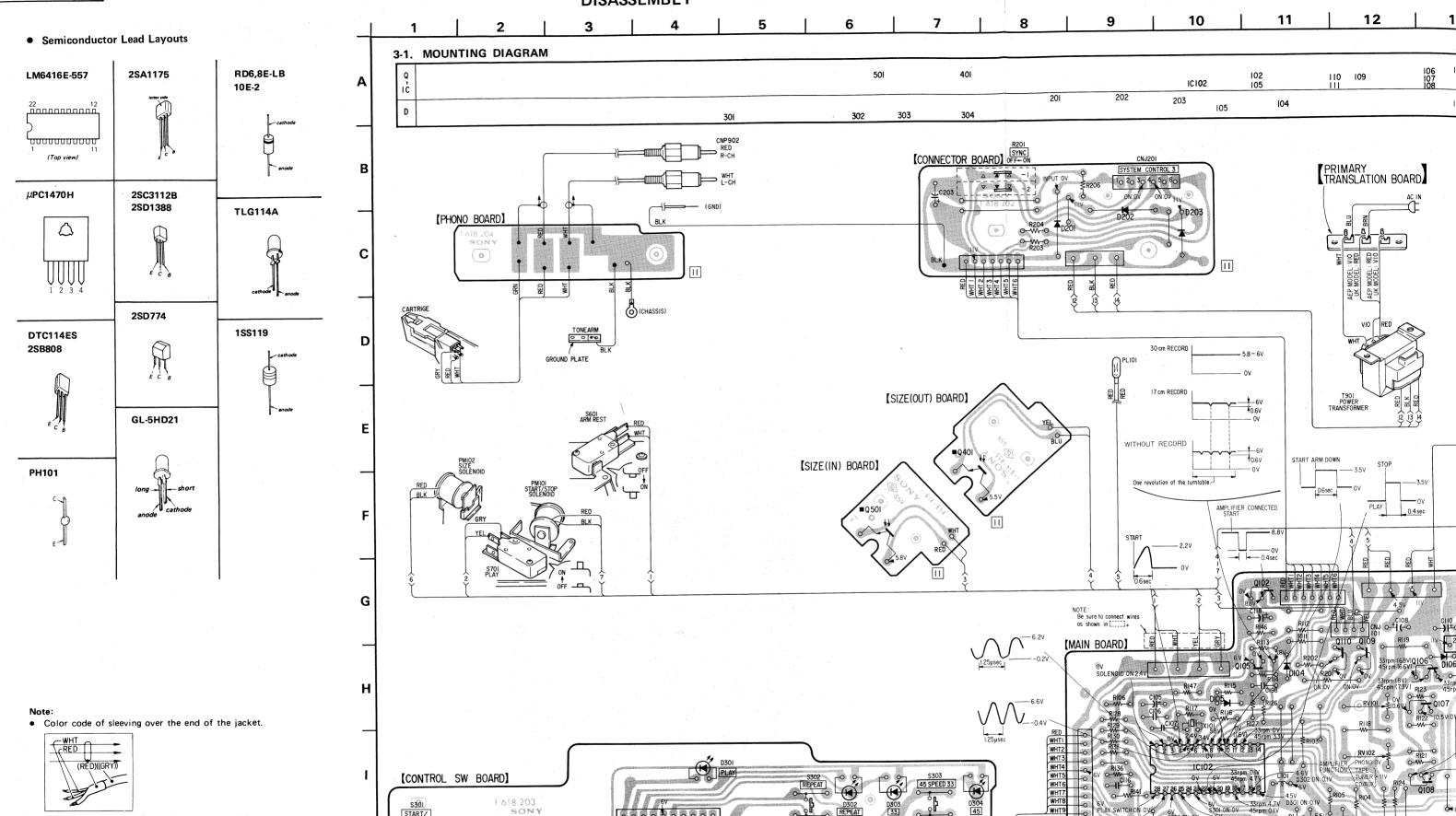
- 1. Place a stroboscope record on the turntable sheet.
- 2. Set the SPEED switch to 45. Press the START/STOP button. Adjust RV102 so that the stripped pattern of stroboscope board is stationary.
- 3. Set the SPEED switch to 33. Adjust RV101 in the same way.



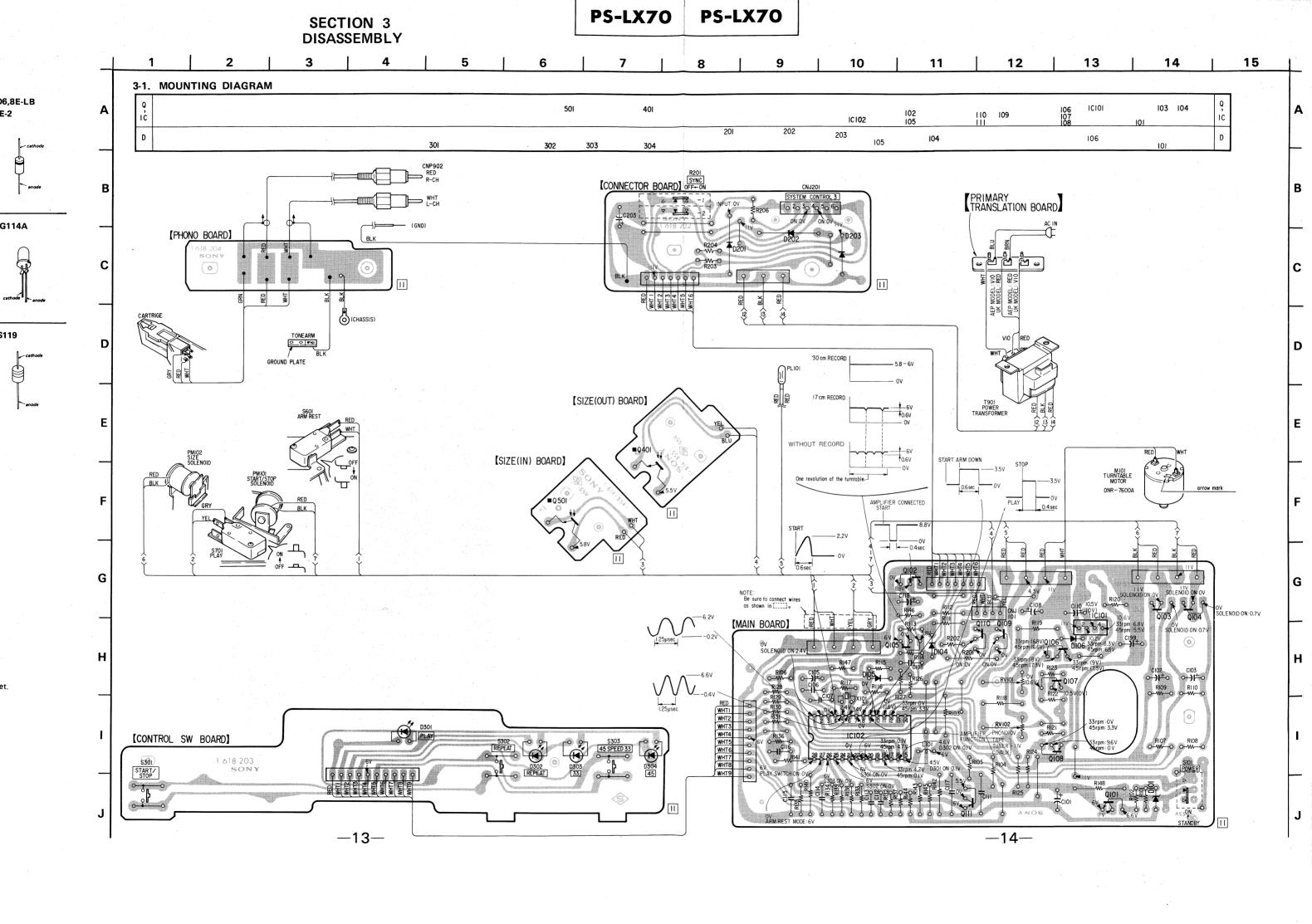
parts extracted from the component side.
parts extracted from the conductor side.

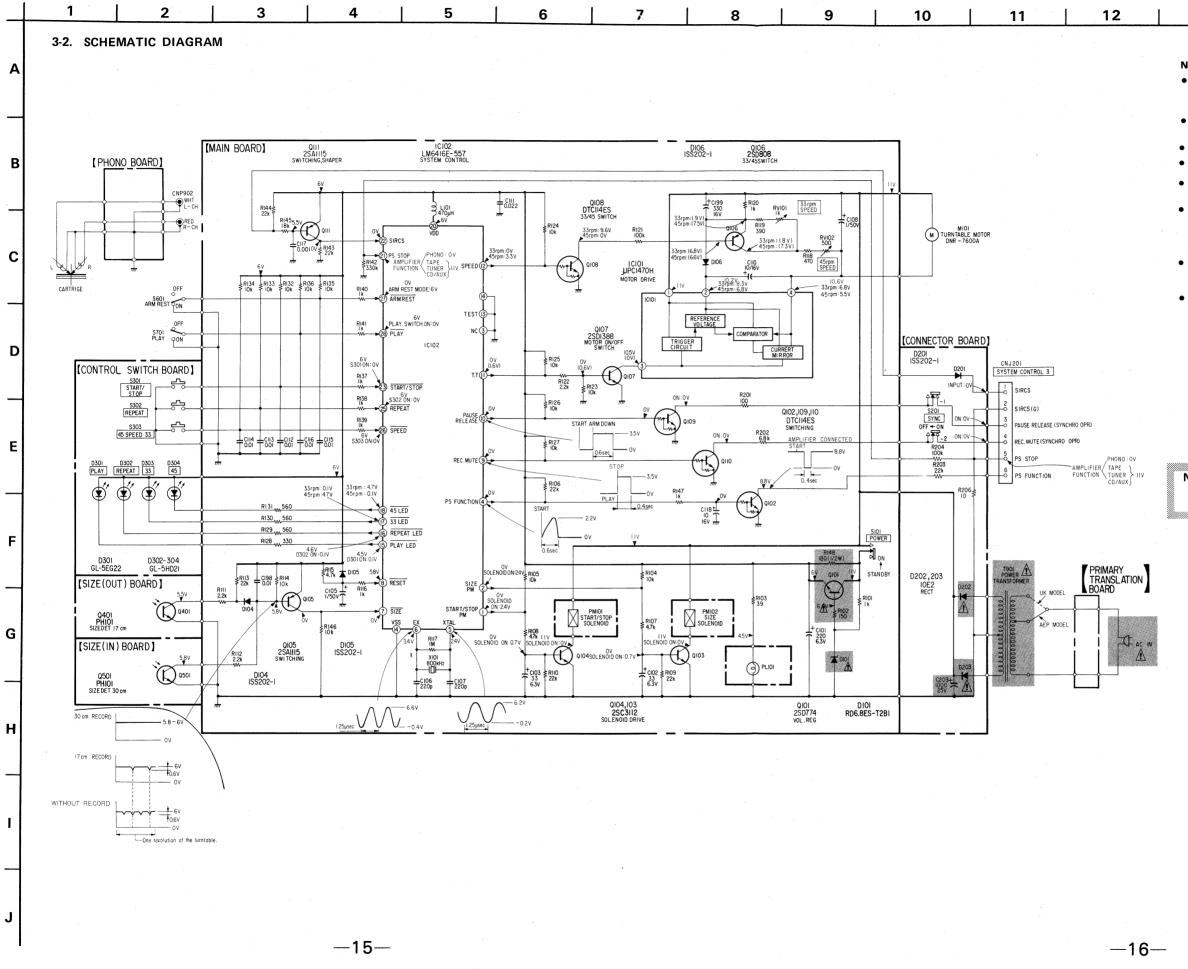
SECTION 3 DISASSEMBLY PS-LX70 PS-LX70

-14-



—13—





Note:

13

 All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.

14

• All resistors are in Ω and ${}^{1\!\!/}_{4}W$ or less unless otherwise specified.

15

- : B+ bus.
- _____ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- \bullet Readings are taken under no-signal conditions with a VOM (50k Ω/V).

no mark: STOP

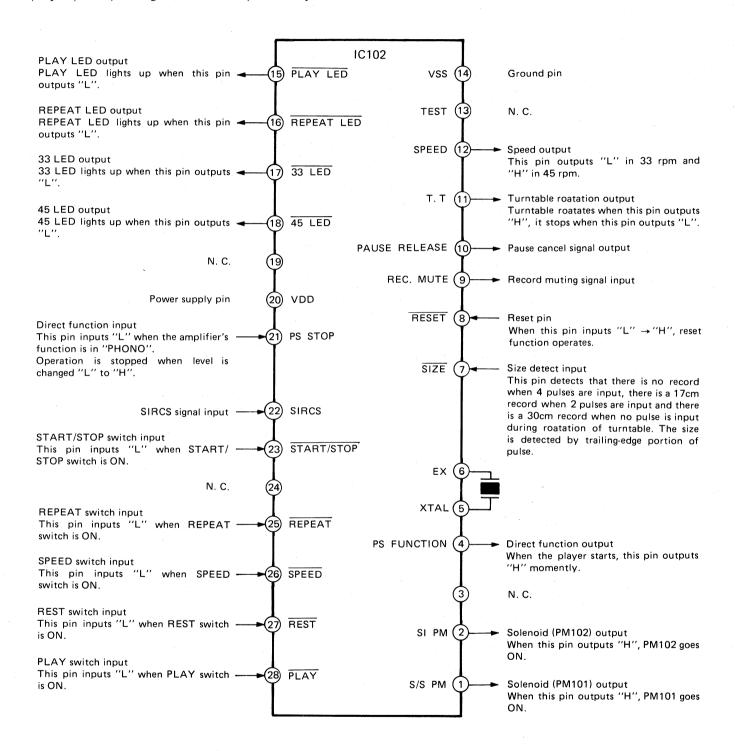
() : PLAY

- Voltage variations may be noted due to normal production tolerances.
- Switch

| Ref. No. | Switch | Position |
|----------|------------|----------|
| S101 | POWER | OFF |
| S201 | SYNC | ON |
| S301 | START/STOP | OFF |
| S302 | REPEAT | OFF |
| S303 | SPEED | OFF |
| S601 | ARM REST | ON |
| S701 | PLAY | OFF |

[IC102 (LM6414E-557) PIN FUNCTIONS]

IC102 (LM6414E-557) is an N-MOS 4 bit micro-computer for control integrating ROM, RAM, ALU, I/O port, timer, clock generator and etc., into 1-chip.



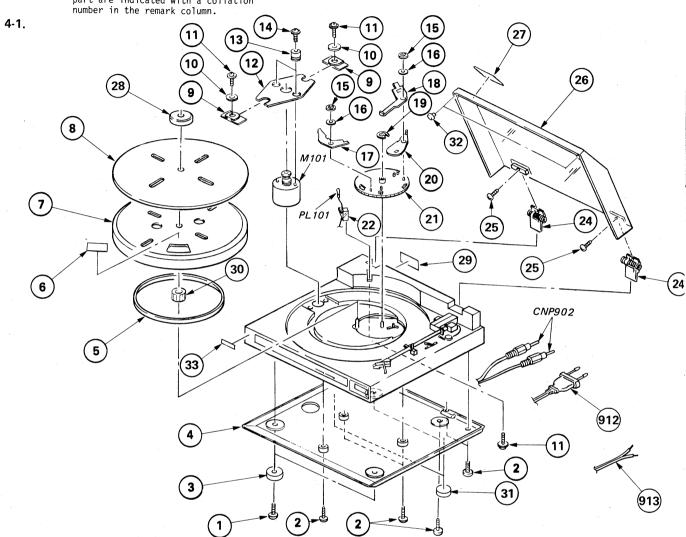
SECTION 4 EXPLODED VIEWS AND PARTS LIST

NOTE:

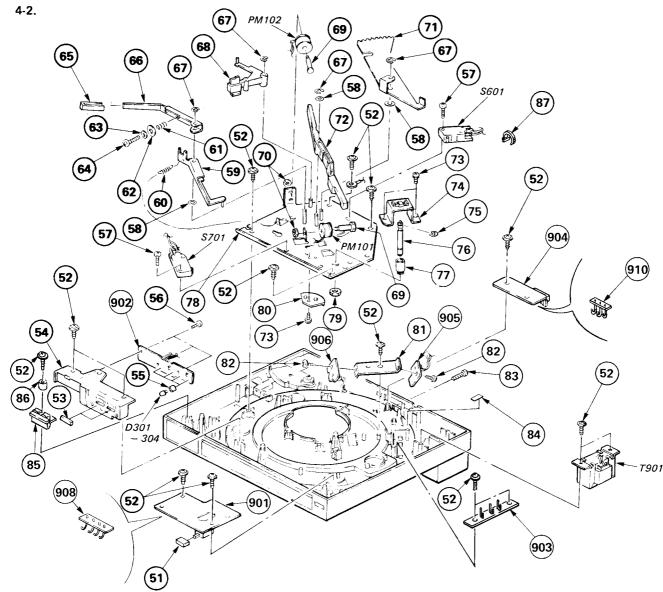
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column

The components identified by shading and mark A are critical for safety.

Replace only with part number specified.

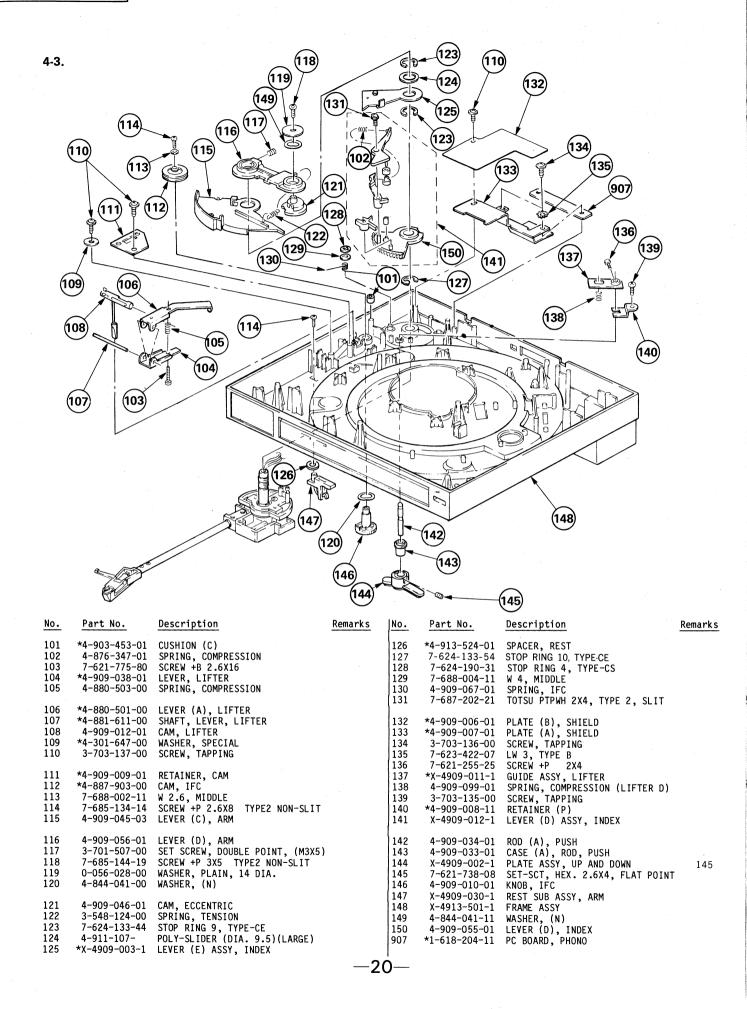


| | | | \bigcirc | | 9 | | | | |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|----|
| No. | Part No. | Description | Remarks | No. | Part No. | Description | | Remarks | |
| 1 2 3 4 5 | 7-685-550-19 7-685-148-19 X-4909-016-1 *X-4913-502-1 4-880-655-01 | SCREW +BVTP 3X12 TYPE2 N-S | | 20 21 22 24 | 4-874-232-00 4-880-524-00 4-908-110-01 4-885-731-31 | GEAR (S), DRIVE COVER, LAMP | | | |
| 6 7 8 | *4-909-004-01 X-4909-004-1 4-909-059-02 | LABEL, CAUTION, GEAR TURNTABLE ASSY SHEET, TURNTABLE | 30 | 25 26 27 28 | 7-682-546-04 X-4913-511-1 3-703-705-41 3-701-806-00 | COVER ASSY, DUST STICKER, SONY SYMBOL | (30) | 27,32 | |
| 10 | *4-301-647-00 | WASHER, SPECIAL | | 29 | *4-913-507-01 4-913-509-01 | (AEP)LABEL, MODEL (UK)LABEL, MODEL | | | |
| 12 13 14 15 | *4-908-151-01 4-909-061-01 4-909-062-01 7-624-190-81 | BRACKET (C), MOTOR CUSHION, MOTOR SCREW, MOTOR STOP RING 2, TYPE-CS | | 30 31 32 33 | 4-868-052-00 *4-913-527-01 4-885-183-00 4-912-106-01 | GEAR, CENTER FOOT CUSHION (D) EMBLEM, SONY | | | |
| 16 17 18 19 | 7-623-105-15 4-874-279-00 4-874-254-00 7-624-106-04 | W 2, MIDDLE CLUTCH (L) CLUTCH (S) STOP RING 3.0, TYPE -E | | 913 1 | 1-556-562-11 | (AEP)CORD, POWER, (UK)CORD, POWER CORD (WITH PLUG) MOTOR, DC (DNR-7600A) | | | |
| 6 7 8 9 10 11 12 13 14 15 16 17 18 | *4-909-004-01 X-4909-004-1 4-909-059-02 4-908-120-01 *4-301-647-00 3-703-137-00 *4-908-151-01 4-909-061-01 4-909-062-01 7-624-190-81 7-623-105-15 4-874-279-00 4-874-254-00 | LABEL, CAUTION, GEAR TURNTABLE ASSY SHEET, TURNTABLE RUBBER, FLOATING WASHER, SPECIAL SCREW, TAPPING BRACKET (C), MOTOR CUSHION, MOTOR SCREW, MOTOR STOP RING 2, TYPE-CS W 2, MIDDLE CLUTCH (L) CLUTCH (S) | 30 | 26 27 28 29 30 31 32 33 912 <u>A</u> 913 <u>A</u> CNP902 | X-4913-511-1 3-703-705-41 3-701-806-00 *4-913-507-01 4-913-509-01 4-868-052-00 *4-913-527-01 4-885-183-00 4-912-106-01 1-534-817-XX 1-556-562-11 1-551-294-00 | COVER ASSY, DUST STICKER, SONY SYMBOL ADAPTOR, 45, (E) (AEP)LABEL, MODEL (UK)LABEL, MODEL GEAR, CENTER FOOT CUSHION (D) EMBLEM, SONY (AEP)CORD, POWER, (UK)CORD, POWER CORD (WITH PLUG) | NUMBER NUMBER EURO PLUG | 27, | 32 |

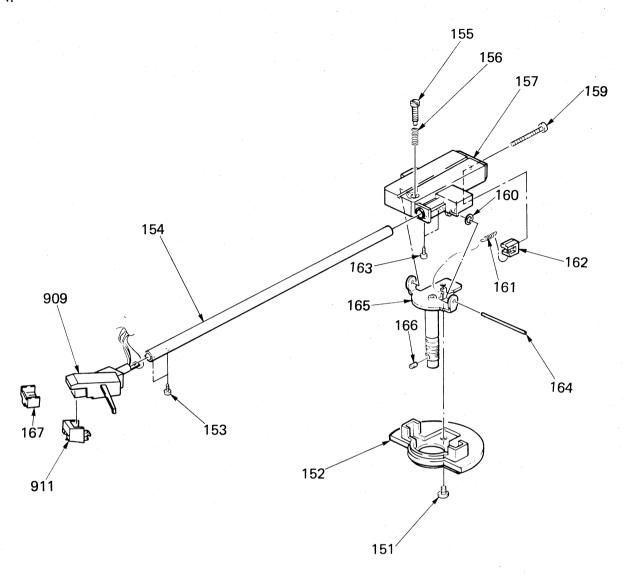


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| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|------------------------|-------------------------------|---------|------|------------------------|-------------------------------|---------|
| | * | | | 1 | | | |
| 51 | 4-907-928-01 | BUTTOM, POWER | | 74 | *4-909-021-01 | BRACKET, BEARING | |
| 52 | 3-703-137-00 | SCREW, TAPPING | | 75 | 7-624-133-34 | | |
| 53 | 4-908-111-01 | BUTTON (B), CONTROL | | 76 | 4-908-103-01 | SHAFT, CENTÉR | |
| 54 | | BASE, CONTROL BUTTON | | j 77 | 4-909-022-01 | | |
| 55 | | SPACÉR (A), LED | | 78 | *X-4909-015-1 | | |
| 56 | 7-685-134-14 | SCREW +P 2.6X8 TYPE2 NON-SLIT | | ŀ | | | |
| | | | | 79 | 4-909-084-01 | NUT, BEARING | |
| 57 | 7-685-755-01 | SCREW +PTT 3X14 (S) | | 80 | *4-909-023-01 | RETÁINER, CLUTCH | |
| 58 | 3-701-441-21 | WASHER | | 81 | | BRACKET, SENSOR | |
| 59 | *X-4909-010-1 | LEVER ASSY, RESET | | 82 | | SCREW +PTT 3X5 (S) | |
| 60 | | SPRING, TENTION | | 83 | 7-685-647-79 | SCREW +BVTP 3X10 TYPE2 N-S | |
| 61 | 4-909-031-01 | SPRING (BRAKE B), COMPRESSION | | 1 | | | |
| 62 | *4-301-647-00 | WASHER, SPECIAL | | 84 | 3-831-441-XX | CUSHION (B), CABINET | |
| | | | | 85 | 4-913-516-21 | BUTTON, START | |
| 63 | 4-812-554-00 | | | 86 | *4-913-528-01 | SPACER, BUTTON | |
| 64 | *7-682-551 - 09 | SCREW +B 3X14 | | 87 | *3-701-748-00 | | |
| 65 | 4-874 - 275-00 | | | | | | |
| 66 | *4-909-030-01 | LEVER (B), BRAKE | | 901 | *A-4619-283-A | MOUNTED PCB, SYSTEM CONTROL | |
| 67 | 7-624-106-04 | STOP RING 3.0, TYPE -E | | 902 | | PC BOARD, CONTROL SW | |
| 68 | X-4909-008-1 | LEVER (DP) ASSY, SIZE | | 903 | *1-608-536 - 00 | PC BOARD, PRIMARY TRANSLATION | |
| | | | | 904 | *1-618-202-11 | PC BOARD, 6P CONNECTOR | |
| 69 | 4-874-234-00 | CORE | | Ì | | • | |
| 70 | | N 2.6, TYPE 2 | | 905 | *1-614-855-11 | PC BOAR, SIZE (OUT) | |
| 71 | | LEVER ASSY, MAIN | | 906 | | PC BOAR, SIZE (IN) | |
| 72 | | LEVER ASSY, CLUTCH | | 908 | *1-508-801-00 | U TYPE BASE POST 4P | |
| 73 | 7-682-546-04 | SCREW +B 3X5 | | 910 | *1-508-800-13 | U TYPE BASE POST 3P | |
| | | | 1 | ο | | | |



4-4.



| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|---------------------------------|--------------------------------------------------------------|-------------------------------|---------|---------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------|
| 151 152 153 154 | 7-682-546-04 4-909-051-01 7-685-773-04 4-909-052-01 | BASE, ARM SCREW +PTT 1.7X3 | | 161 162 163 164 | 4-913-515-01 *4-909-016-01 7-685-102-19 *4-909-014-01 | SPRING, TENSION HOOK, SPRING SCREW +P 2X4 TYPE2 SLIT PIN, HORIZONTAL | |
| 155 156 157 159 160 | 4-887-918-00 | | | 165 166 167 909 911 | 7-621-712-17 3-706-613-00 1-549-124-41 | BRACKET ASSY, ROTARY SET-SCREW, SLOT 2.6X2 CUP POIN PROTECTOR CARTRIDGE (VL-42GSE2) STYLUS (ND-142G) | 166 IT 167,911 |

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be antici-pated when ordering these items.
- \cdot If there are two or more same circuitsin a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS: MF:μF, PF:μμF.

RESISTORS

· All resistors are in ohms. · F : nonflammable

COILS

· MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ, for example: UA...: μΑ..., UPA...: μΡΑ..., UPC...: μΡC, UPD...: μΡD...

The components identified by shading and mark Aare critical for safety.
Replace only with part number specified.

ELECTRICAL PARTS

ELECTRICAL PARTS

| | ELECTRIC | AL PARTS | | | | | ELECTRIC | AL PARTS | | | |
|--------------|----------------------------------------------------------|--------------------------------|------------------|------------|--------------|-----------------|------------------------------|--------------------------------|--------------|----------|--------------|
| Ref.No. | Part No. | Description | | | | Ref.No. | Part No. | Description | | | |
| 902 | *A-4619-283-A *1-618-203-11 *1-608-536-00 | PC BOARD, CÓ | NTROL SW | | | | 8-759-103-35 8-759-801-85 | IC UPC1470H IC LM6416E-55 | 57 | | |
| 904 | *1-618-202-11 | PC BOARD 6P | CONNECTOR | | | L101 | 1-407-177-XX | MICRO INDUCTO |)R 470U | Н | |
| 905 | *1-614-855-11 *1-614-854-11 | PC BOAR, SIZ | E (OUT) | | | M101 | | MOTOR, DC (DM | IR-7600 | A) | |
| 907 | *1-618-204-11 | PC BOARD, PH | 0NO | | | PL101 | 1-518-169-XX | LAMP, PILOT | | | |
| | *1-508-801-00 1-549-124-41 | U TYPE BASE | POST 4P | | 167,911 | | 1-454-394-11 1-454-394-11 | SOLENOID, PLU SOLENOID, PLU | | | |
| 910 911 | *1-508-800-13 1-549-112-00 | | | | | | | TRANSISTOR 25 | | | |
| 912 🗥 | 1 543 112 00 1 1 534 - 817 - XX 1 - 556 - 562 - 11 | (AEP)CORD | , POWER, EUI | RO PLUG | | Q102 Q103 | 8-729-900-89 8-729-201-84 | TRANSISTOR DT TRANSISTOR 2S | | | |
| | | | | | | 0104 | 8-729-201-84 | | | | |
| C101 C102 | 1-123-308-00 1-123-318-00 | | 220MF 33MF | 20% 20% | 6.3V 6.3V | Q105 Q106 | 8-729-117-54 8-729-800-83 | TRANSISTOR 2S TRANSISTOR 2S | | | |
| C103 | 1-123-318-00 | ELECT | 33MF | 20% | 6.3V | Q107 | 8-729-802-34 | TRANSISTOR 25 | D1388 | | |
| C105 C106 | 1-123-611-00 | | 1MF | 20% | 50V | 0108 0109 | 8-729-900-89 8-729-900-89 | | | | |
| C100 | 1-162-286-31 1-162-286-31 | | 220PF 220PF | 10% 10% | 50 V | Q110 | 8-729-900-89 | | | | |
| C108 | 1-123-611-00 | ELECT | 1MF | 20% | 50V | Q111 | 8-729-117-54 | TRANSISTOR 25 | SA1175 | | |
| C110 C111 | 1-123-617-00 1-161-494-00 | ELECT | 10MF 0.022MF | 20% 30% | 16 V 25 V | Q401 Q501 | 8-729-101-01 8-729-101-01 | | | | |
| C112 | 1-162-306-31 | CERAMIC | 0.01MF | 30% | 16V | R101 | 1-247-831-00 | | 1K | 5% | 1/6W |
| C113 C114 | 1-162-306-31 1-162-306-31 | | 0.01MF 0.01MF | 30% 30% | 16V 16V | R102 AL R103 | 1-247-811-00 1-247-695-11 | CARBON | 150 39 | 5% 5% | 1/6W 1/4W |
| C115 | 1-162-306-31 | CEDAMIC | 0.01MF | 30% | | R104 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| C116 | 1-162-306-31 | CERAMIC | 0.01MF | 30% | 16V 16V | | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| C117 | 1-162-294-31 | CERAMIC | 0.001MF | 10% | 50V | | 1-249-433-11 | • | 22K | 5% | 1/6W |
| C118 | 1-123-617-00 | | 10MF | 20% | 167 | R107 R108 | 1-249-425-11 1-249-425-11 | | 4.7K 4.7K | 5% 5% | 1/6W 1/6W |
| C198 C199 | 1-162-306-31 1-123-322-00 | ELECT | 0.01MF 330MF | 30% 20% | 16V 16V | R109 | 1-249-433-11 | | 22K | 5% | 1/6W |
| C203 Æ | 1-124-557-11 | ELECT | 1000MF | 20% | 25V | R110 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W |
| | *1-564-706-11 | | | 'PE) 4P | | R111 R112 | 1-249-421-11 1-249-421-11 | CARBON CARBON | 2.2K 2.2K | 5% 5% | 1/6W |
| | 1-563-102-11 1-551-294-00 | SOCKET, CONNE | | | | | | | | | 1/6W |
| D101 A | | | | | | R113 R114 | 1-249-433-11 1-249-429-11 | | 22K 10K | 5% 5% | 1/6W 1/6W |
| D101 /r | 8-719-168-07 8-719-911-19 | DIODE RD6.8E- | -B | | Same ! | R115 | 1-249-425-11 | | 4.7K | | 1/6W |
| D105 D106 | 8-719-911-19 8-719-911-19 | | | | | R116 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| | | | | | | R117 | 1-247-903-00 | CARBON | 1M | 5% | 1/6W |
| D201 D202 | 8-719-911-19 8-719-200-02 | DIODE 1SS119 DIODE 10E2 | | | | R118 | 1-214-721-00 | METAL | 470 | 1% | 1/4W |
| D203 | 8-719-200-02 | DIODE 10E2 | | | | R119 R120 | 1-214-717-00 1-247-831-00 | METAL CARBON | 330 1K | 1% 5% | 1/4W 1/6W |
| D301 | 8-719-811-44 | DIODE TLG114 | | | ļ | | 1-247-879-00 | CARBON | 100K | 5% | 1/6W |
| D302 D303 | 8-719-906-58 8-719-906-58 | DIODE GL-5HD2 DIODE GL-5HD2 | | | | R122 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/6W |
| D304 | 8-719-906-58 | DIODE GL-5HD2 | | | | R123 R124 | 1-249-429-11 1-249-429-11 | CARBON CARBON | 10K | 5% 5% | 1/6W |
| | | | | | | VIC4 | 1 243-423-11 | UMRDUN . | 10K | 36 | 1/6W |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description | | | |
|----------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|--------|----|------|
| R125 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R126 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R127 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R128 | 1-247-819-00 | CARBON | 330 | 5% | 1/6W |
| R129 | 1-249-414-11 | CARBON | 560 | 5% | 1/6W |
| R130 | 1-249-414-11 | CARBON | 560 | 5% | 1/6W |
| R131 | 1-249-414-11 | CARBON | 560 | 5% | 1/6W |
| R132 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R133 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R134 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R135 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R136 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R137 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R138 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R139 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R140 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R141 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R142 | 1-247-891-00 | CARBON | 330K | 5% | 1/6W |
| R143 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W |
| R144 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W |
| R145 | 1-249-432-11 | CARBON | 18K | 5% | 1/6W |
| R146 | 1-249-429-11 | CARBON | 10K | 5% | 1/6W |
| R147 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R148 <u>A</u> | 1-247-742-11 | CARBON | 180 | 5% | 1/2W |
| R201 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R202 | 1-247-851-00 | CARBON | 6.8K | 5% | 1/6W |
| R203 | 1-249-433-11 | CARBON | 22K | 5% | 1/6W |
| R204 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W |
| R206 | 1-247-783-00 | CARBON | 10 | 5% | 1/6W |
| RV101 RV102 | 1-226-233-00 1-226-232-00 | RES, ADJ, CARE | | | |
| \$101 \$201 \$301 | 1-553-909-00 1-570-150-11 1-553-856-00 | SWITCH, PUSH SWITCH, SLIDE SWITCH, KEY BO | (SYNC |) | |
| \$302 \$303 \$601 \$701 | 1-553-856-00 1-553-856-00 1-570-489-11 1-570-489-11 | SWITCH, KEY BO SWITCH, KEY BO SWITCH, MICRO SWITCH, MICRO | | |) · |
| T901 <u>∧</u> | .1-447-257-00 | TRANSFORMER, F | POWER | | |
| X101 | 1-567-342-11 | OSCILLATOR, CE | ERAMIC | | |

ACCESSORY & PACKING MATERIAL

| Part No. | Description |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3-701-630-00 3-701-634-00 | BAG, POLYETHYLENE BAG, POLYETHYLENE |
| 3-703-845-01 | (UK)LABEL, (N) U/C NAIN CAUTION |
| 3-765-064-11 3-765-064-41 | MANUAL, INSTRUCTION MANUAL, INSTRUCTION |
| 3-794-123-11 4-876-344-00 4-879-798-00 | LABEL, CAUTION (AEP)LABEL, CAUTION POWER CORD SHEET, PROTECTION |
| 4-880-334-00 4-887-948-00 | CUSHION, ARM HOLDER, TURNTABLE |
| 4-909-068-01 4-909-069-01 | |
| 4-909-071-01 4-909-072-01 4-913-525-11 | SPACER, CLUTCH PROTECTOR (AEP)INDIVIDUAL CARTON |
| | |
| | 3-701-630-00 3-701-634-00 3-703-845-01 3-765-064-11 3-765-064-41 3-794-123-11 4-876-344-00 4-879-798-00 4-880-334-00 4-887-948-00 4-909-068-01 4-909-069-01 4-909-072-01 |

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.